【書類名】 図面
【図1】

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Fig. 1A

(A)

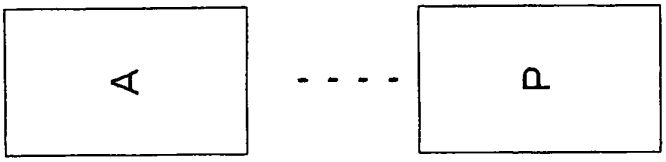

Fig. 1B

(B)

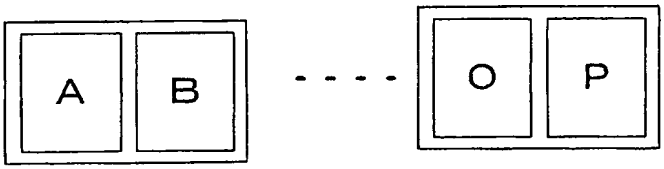

Fig. 1C

(C)

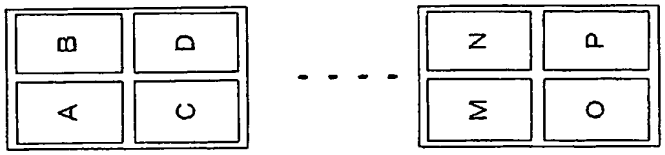

Fig. 1D

(D)

~~【図2】~~

Fig. 2

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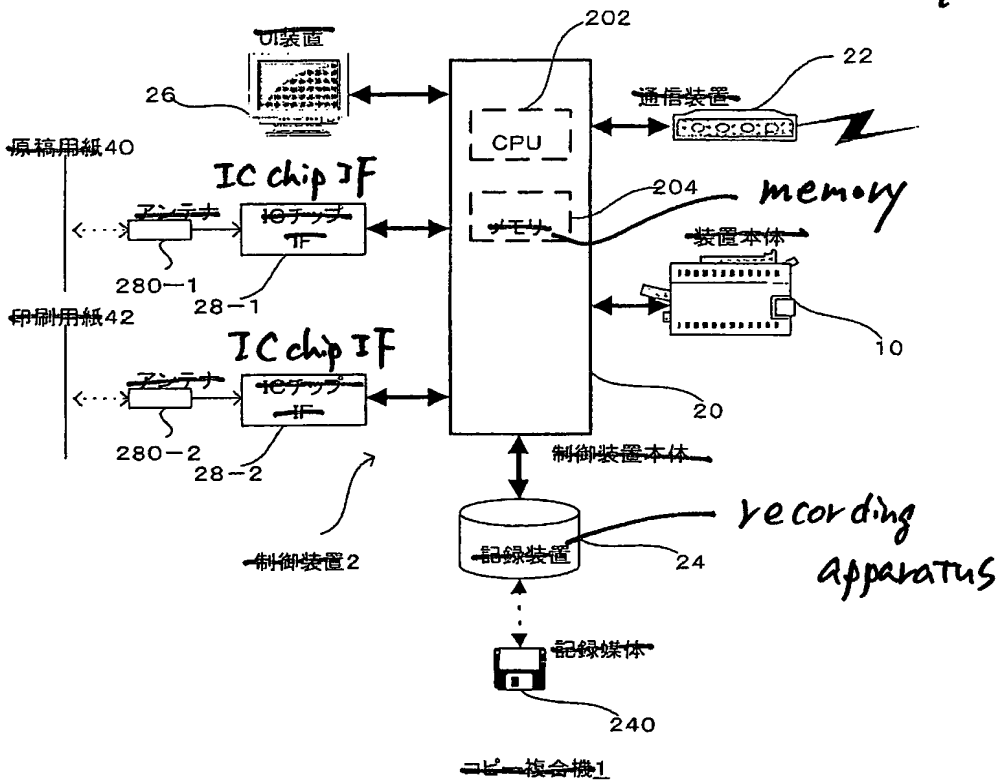
UI装置
26
202
CPU
通信装置
22
原稿用紙40
IC chip IF
アンテナ
ICチップ IF
280−1
28−1
204
memory
装置本体
印刷用紙42
IC chip IF
アンテナ
ICチップ IF
280−2
28−2
10
20
制御装置本体
制御装置2
記録装置
24
recording apparatus
記録媒体
240
コピー複合機1

~~【図3】~~

Fig.3

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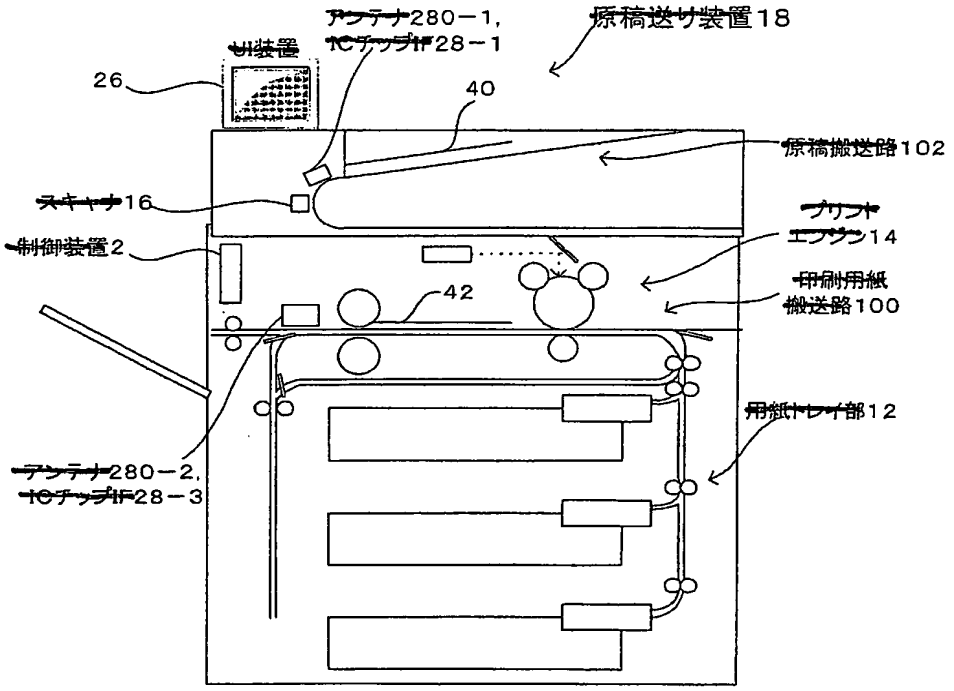
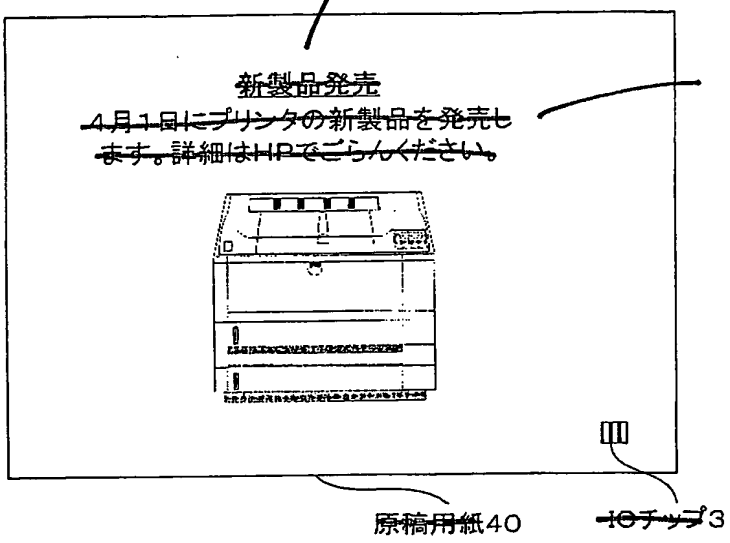


~~装置本体~~10

~~【図4】~~ Fig. 4



new release product

New product will be marketed on April 1. Detail information is available from HP

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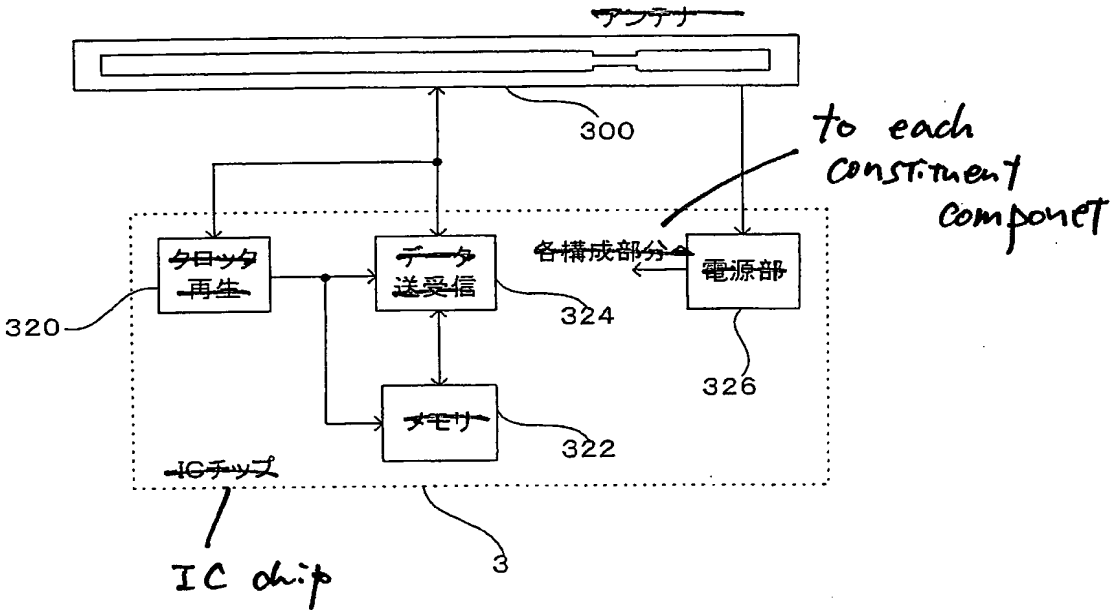
~~【図5】~~ Fig. 5



to each constituent component

IC chip

Fig. 5

320 clock reproducing circuit

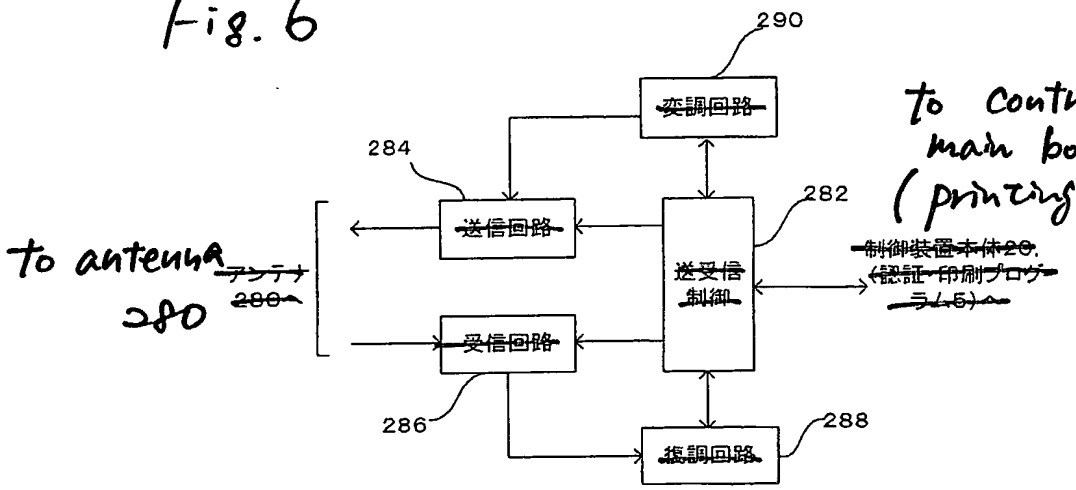
322 memory circuit

324 data transmitting/receiving circuit

326 power supply circuit

~~【図6】~~

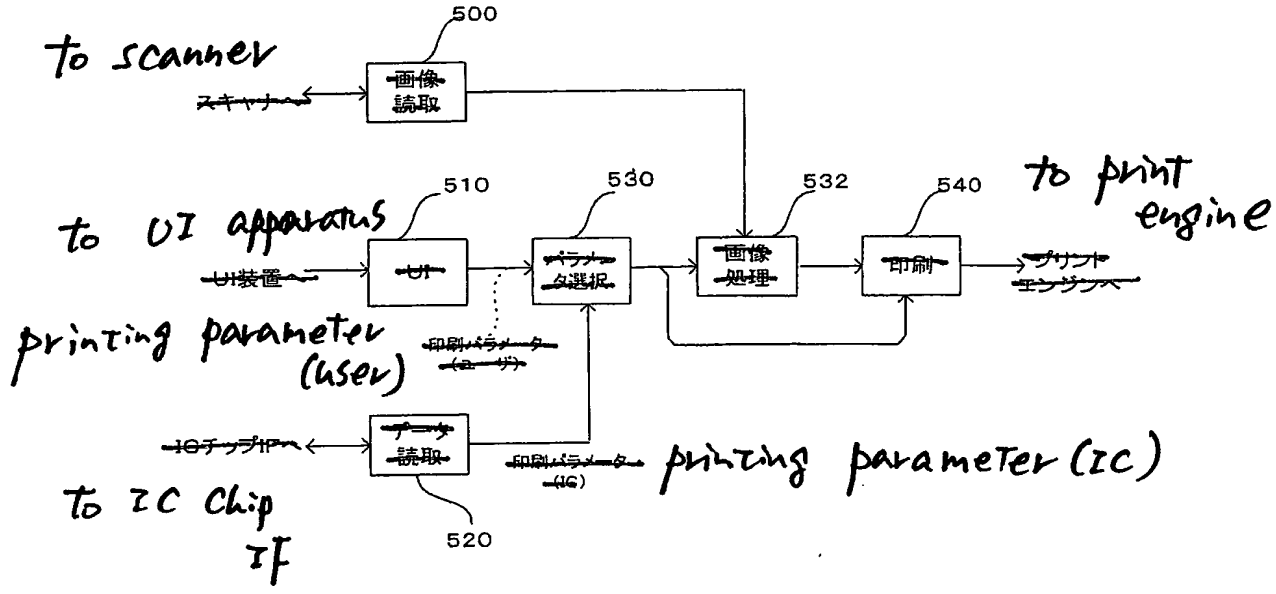
Fig. 6



~~ICチップIF~~ 28

Fig. 7

~~【図7】~~



~~認証・印刷プログラム~~ 50

Fig. 6

282 transmission/reception control circuit

284 transmission circuit

286 reception circuit

288 demodulation circuit

290 modulation circuit

Fig. 7

500 image reading section

510 user interface section

520 data reading section

530 parameter selecting section

532 image processing section

540 printing control section

~~【図8】~~

Fig. 8

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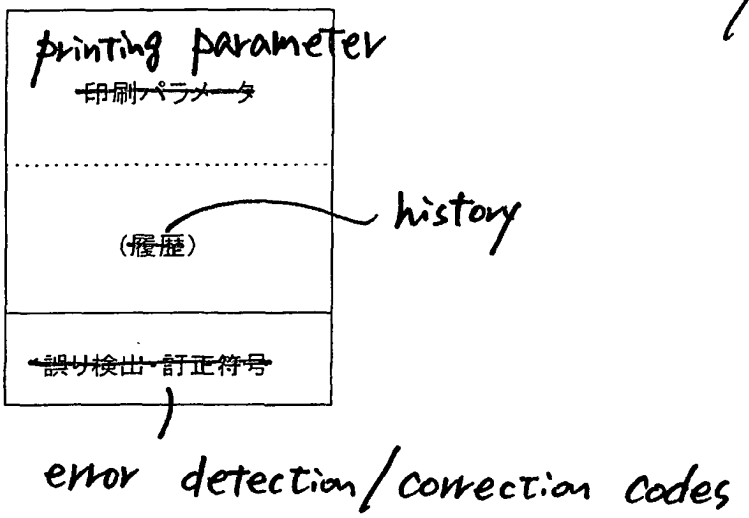
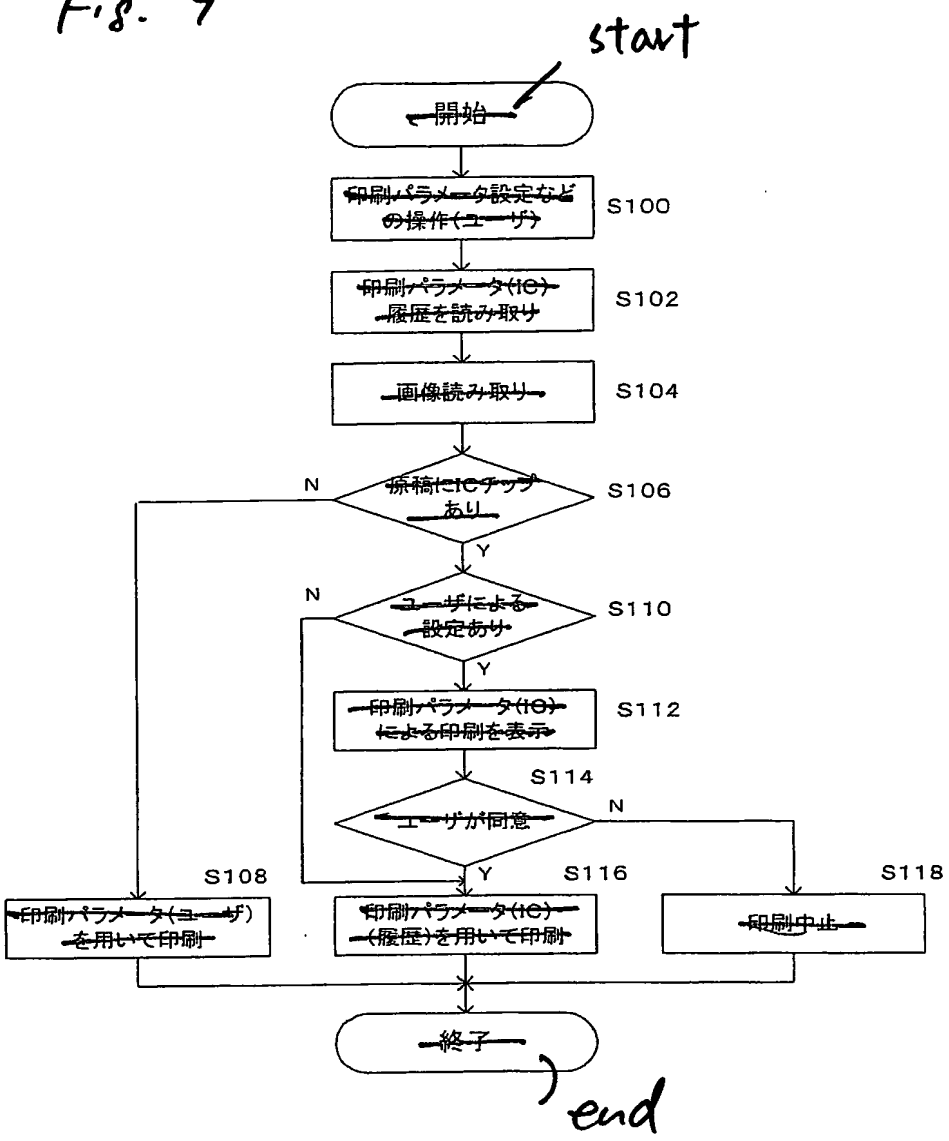

printing parameter
印刷パラメータ
(履歴)
history
誤り検出訂正符号
error detection/correction codes

【図9】

Fig. 9


start
開始
印刷パラメータ設定などの操作(ユーザ)
S100
印刷パラメータ(IC)履歴を読み取り
S102
画像読み取り
S104
原稿にICチップあり
S106
N
Y
ユーザによる設定あり
S110
N
Y
印刷パラメータ(IC)による印刷を表示
S112
S114
ユーザが同意
N
Y
S108
S116
S118
印刷パラメータ(ユーザ)を用いて印刷
印刷パラメータ(IC)(履歴)を用いて印刷
印刷中止
終了
end

S10

Fig. 9

S100 operation such as setting a printing parameter (user)

S102 read a printing parameter (IC) and a history

S104 read an image

S106 does an original have an IC chip?

S108 print by using the printing parameter (user)

S110 is there a setting by a user?

S112 display a printing condition according to the printing parameter (IC)

S114 does the user accept?

S116 print by using the printing parameter (IC) and (history)

S118 stop printing

~~【図１０】~~

Fig. 10

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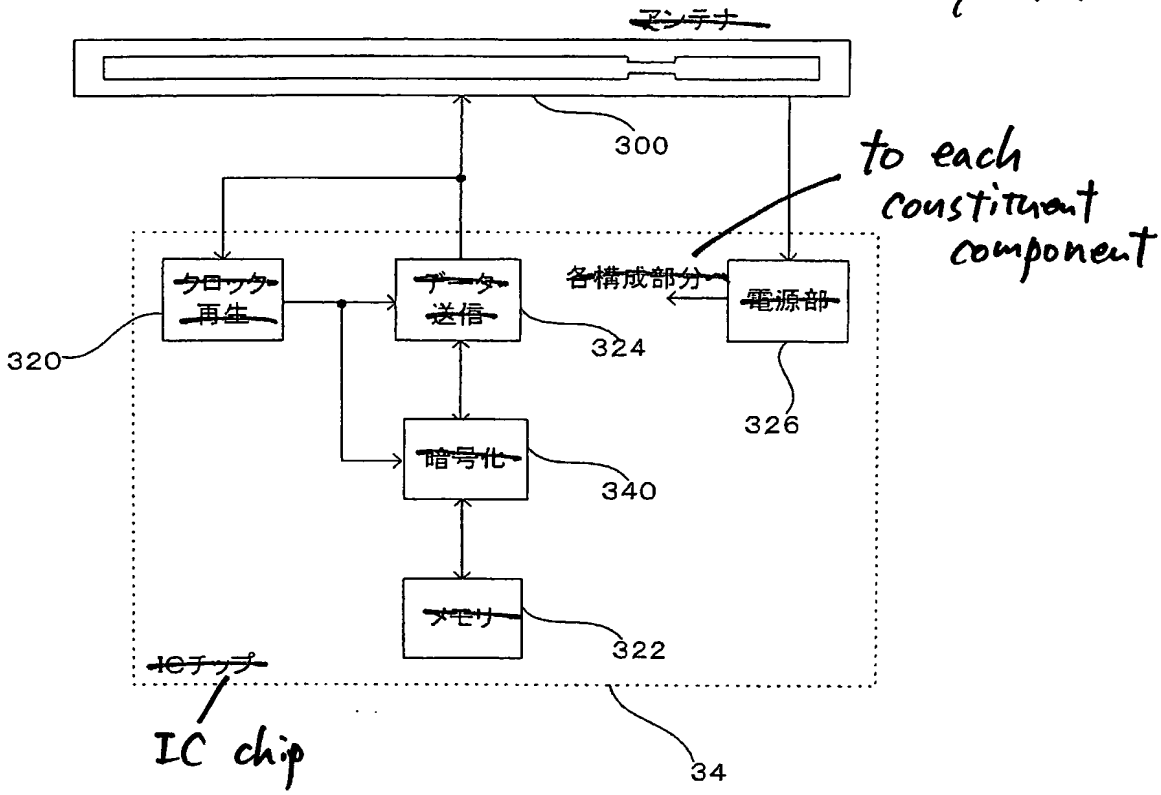


Fig. 10

320 clock reproducing circuit

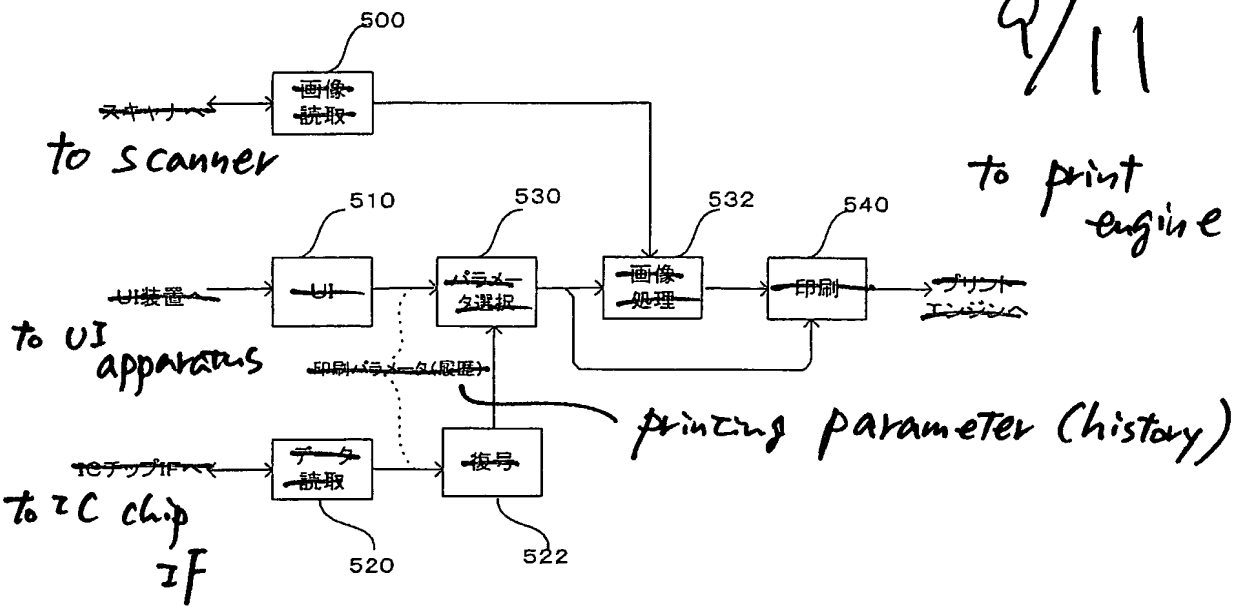
322 memory circuit

324 data transmitting/receiving circuit

326 power supply circuit

340 encryption circuit

【図11】 Fig. 11



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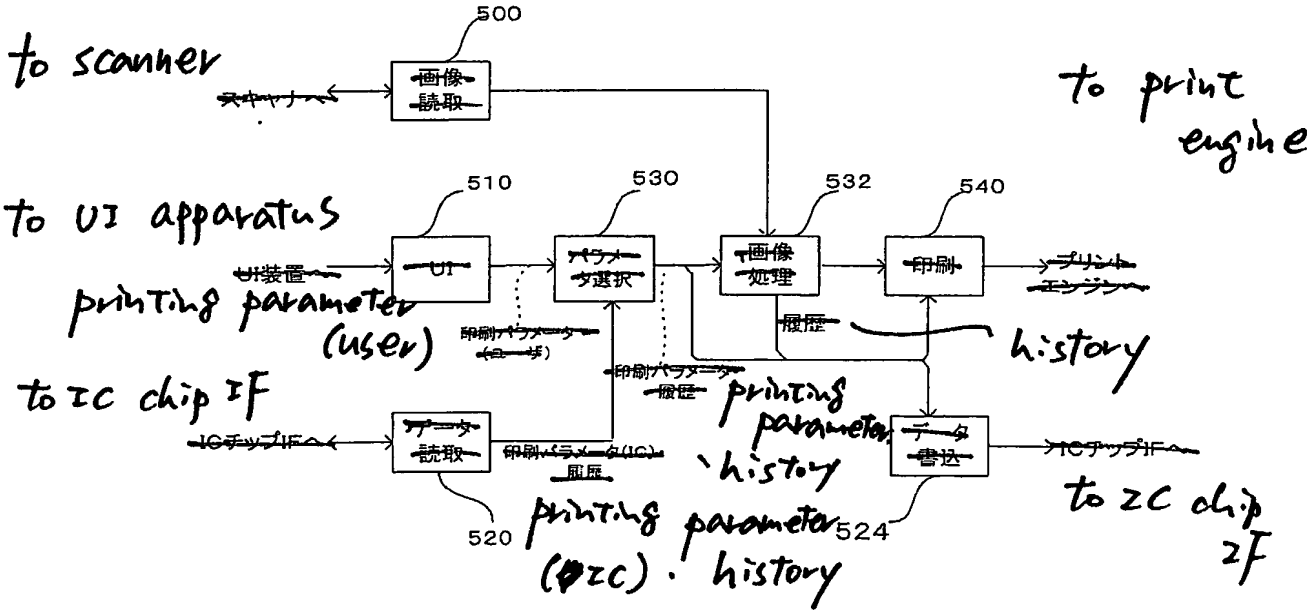
【図12】 Fig. 12



印刷プログラム54

Fig. 11

500 image reading section
510 user interface section
520 data reading section
522 decryption section
530 parameter selecting section
532 image processing section
540 printing control section

Fig. 12

500 image reading section
510 user interface section
520 data reading section
524 data writing section
530 parameter selecting section
532 image processing section
540 printing control section

~~【図１３】~~

Fig. 13A

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~~(A)~~

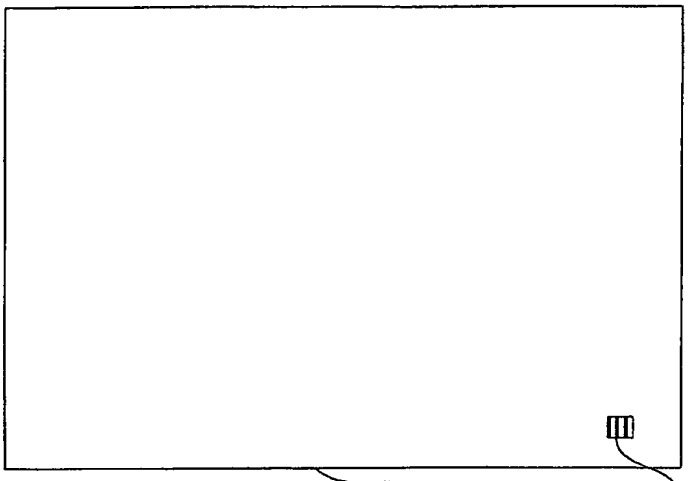
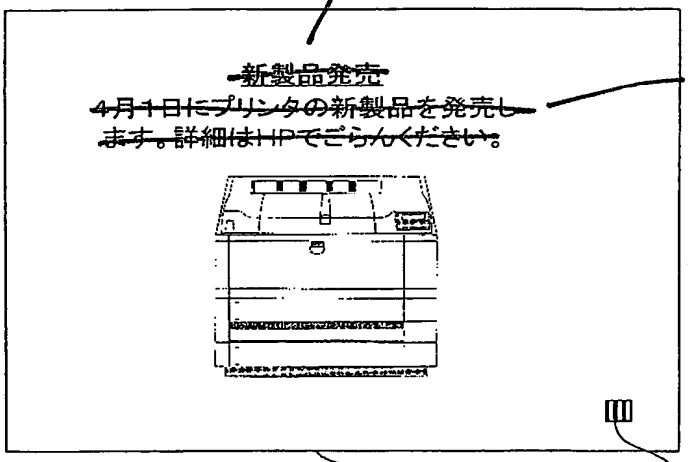


Fig. 13B

new release product

~~(B)~~



new product will be marketed on April 1. Detail information is avilable from HP

~~【図１４】~~

Fig. 14

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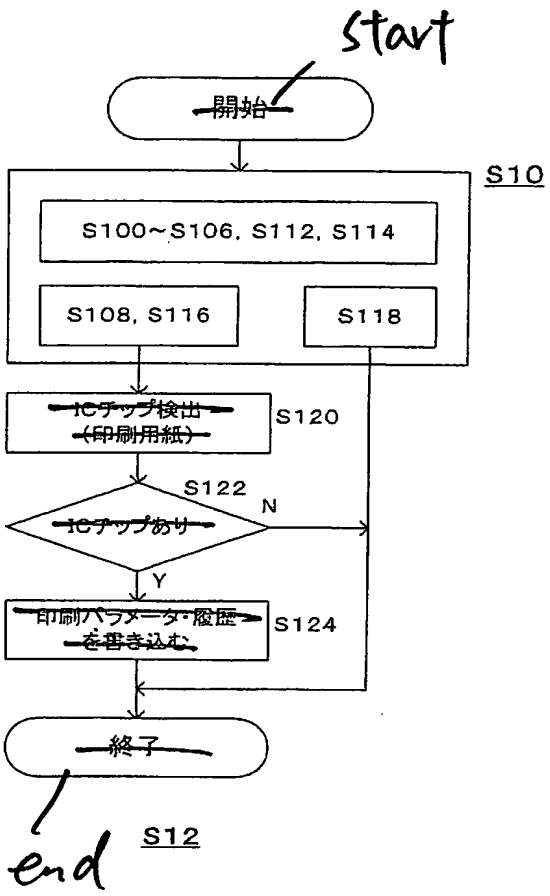

Fig. 14

S120 detect an IC chip (printing paper)

S122 does the printing paper have the IC chip?

S124 write a printing parameter and a history